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(54) Title: **FRACTURING OF SUBTERRANEAN FORMATIONS**

(57) Abstract: Fracturing of a subterranean formation may be achieved using hydrogel. The gel is formed from a gel precursor formulation which comprises an aqueous formulation of poly (1,4-di(4-(Nmethylpyridinyl)) -2, 3-di(4-(1-formylphenyl) butylidene), poly (vinyl alcohol) and a suitable proppant, in the presence of an acid catalyst. The gel may be prepared at the surface with a viscosity of greater than (200) cp measured at (100)s⁻¹ and then injected into the subterranean formation under high pressure to fracture the formation.

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